

# COMANCHE GEAR



10340 REGENT CIRCLE ∞ NAPLES, FL 34109  
PHONE & FAX 239/593-6944 ∞ CELL 239/404-7524

## MAIN GEAR DRAG LINK – AKA DOWN-LOCK LINK

THIS COMPONENT FITS THE MAIN LANDING GEAR ON ALL PIPER COMANCHE 180 AND 250 AND 260 MODELS **EXCEPT** THE 260C. IN ADDITION IT DOES **NOT** FIT THE 400 COMANCHE OR TWIN COMANCHE MODELS; THOSE MODELS EMPLOY A LARGER LINK WITH 5/8"-18 THREADS. THE BASIC PART NUMBER FOR THIS DRAG LINK IS 20768-002 WHICH IS THE BARE LINK WITHOUT BRACKET OR LUBRICATOR FITTING. I HAVE ADDED A NEW LUBRICATOR FITTING WHICH WILL WORK WITH THE 180 & 250, BUT NOT FOR THE 260 – USE YOUR OLD 260 GREASE FITTING. THE **ASSEMBLIES** P/N'S ARE 20768-000 [PIPER RETAIL \$875.20] AND 20768-001 [PIPER RETAIL \$699.74] FOR THE 180 AND 250, AND 24911-000 [PIPER NLA] FOR THE 260. THESE PARTS ARE NEW FROM PIPER, SEE THE PHOTO OF THE INSPECTION TAG, BUT THEY COME WITH NO PAPERWORK EXCEPT THAT LABEL. HERE IS AN OPPORTUNITY TO PURCHASE THEM NEW; ONLY A FEW REMAINING IN STOCK. YOU TRANSFER YOUR OLD BRACKET TO THIS NEW PART, OR AS AN OPTION I CAN PROVIDE THESE AS AN ASSEMBLY INCLUDING THE BRACKET FRESHLY CADMIUM PLATED, EXCHANGE ONLY. CALL FOR CURRENT PRICING.

THE PIPER AD 77-13-21 PART A [THE INFAMOUS 1000-HOUR LANDING GEAR AD] INSPECTION INCLUDES THIS PART. THE THREADS WEAR AND NEED TO BE CHECKED WITH A THREAD RING GAUGE AS OUTLINED IN SL-782B REQUIRED BY AD 77-13-21. THE INSPECTION CRITERIA ARE SPELLED OUT IN SL-782B AND CONCERNS THOSE THREADS AND THE BORE; I HAVE INSPECTED THEM PER THE SL AND THEY PASS AS WOULD BE EXPECTED.



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PIPER AIRCRAFT



CORPORATION

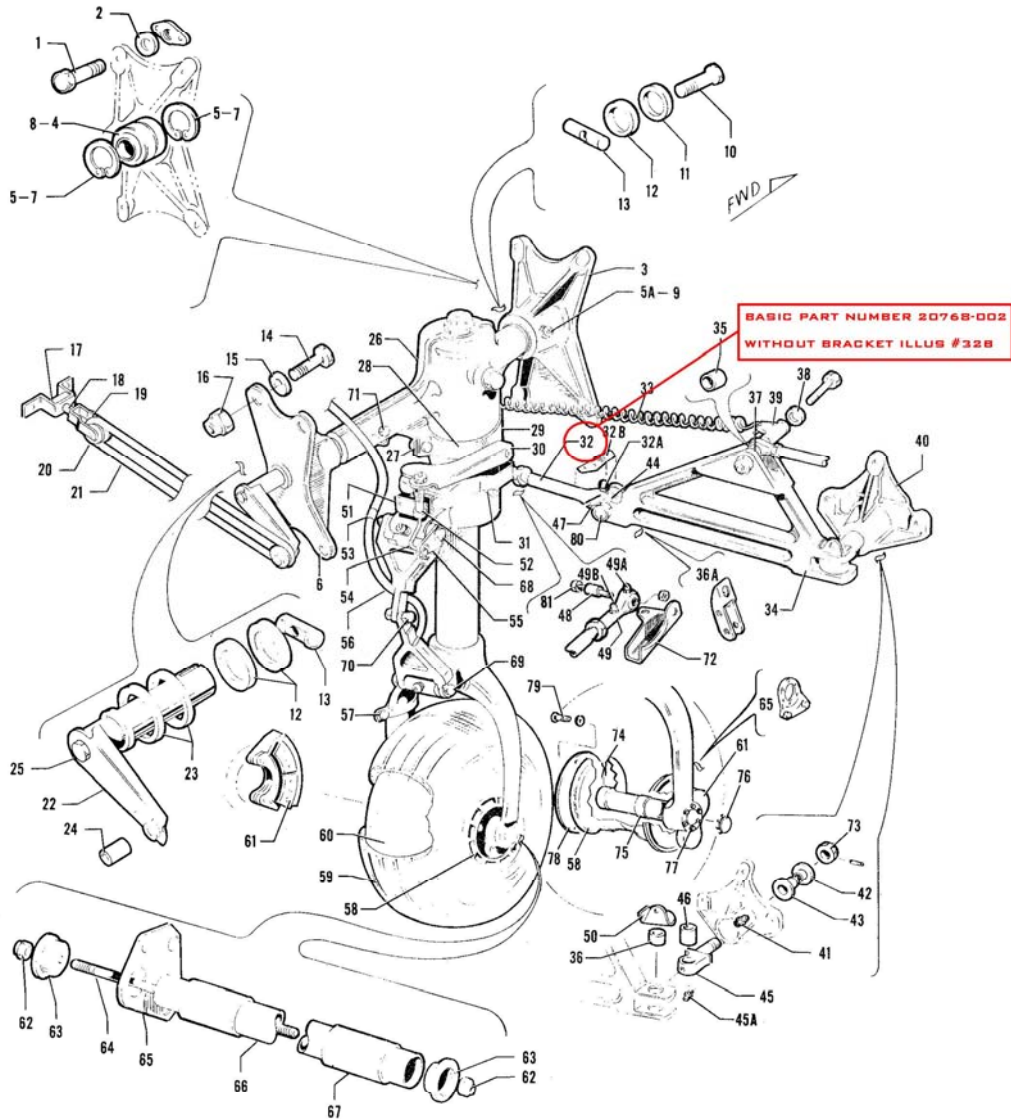


Figure 16. Main Landing Gear Installation

ISSUED: JANUARY 1973

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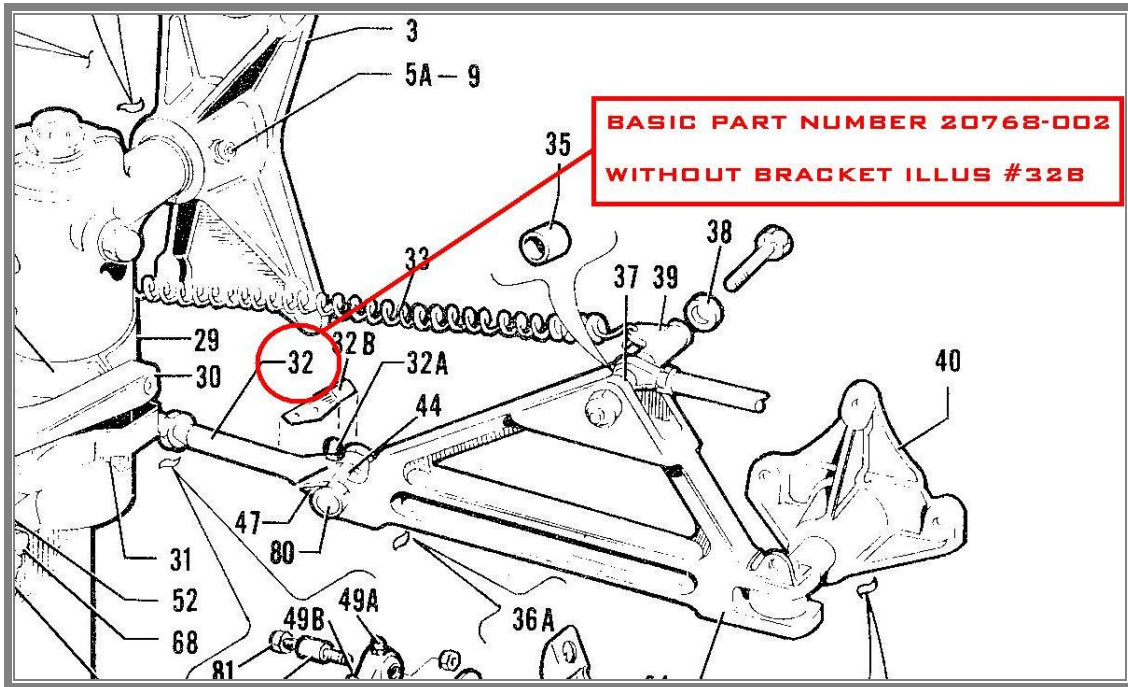
PA-24-180  
PA-24-250  
PA-24-260  
PA-24-100

SCANNED PAGE FROM THE PIPER SINGLE COMANCHE PARTS CATALOG

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INSERT FROM FIGURE 205 ON THE PREVIOUS PAGE

	24773-00	V	BRACKET ASSEMBLY - Gear safety switch mounting, left	1	
-32	20768-00	XY	LINK ASSEMBLY - Main gear side brace lower, left	1	
	20768-01	XY	LINK ASSEMBLY - Main gear side brace lower, right	1	
	22577-00	Z	LINK - Main gear side brace, lower	2	
	24911-00	A	LINK ASSEMBLY - Main gear brace, lower	2	
	25046-00	V	LINK ASSEMBLY - Main gear brace, lower	2	24-4783, 24-4804 and up
-32a	460 691	XYZ	FITTING - Lubrication (AN944-101)	1	
	460 860	V	FITTING - Lubrication (MS15001-2)	1	
-32b	24915-00	V	BRACKET - Main gear limit switch	1	
-33	83302-40		SPRING - Coil	2	

A - Used on PA-24-260 airplanes with serial numbers 24-3642, 24-4000 to 24-4782, 24-4784 to 24-4803 inclusive.

B - See Figure 19 for component parts.

C - See Figure 19A for component parts.

D - Used if Piper Part No. 20750-4 (left strut) or 20750-5 (right strut) is forged on Landing Gear Strut Housing.

E - Used if Piper Part No. 27016 (left strut) or 27016-1 (right strut) is forged on Landing Gear Strut Housing.

V - Used on PA-24-260 airplanes only.

X - Used on PA-24-180 airplanes only.

Y - Used on PA-24-250 airplanes only.

Z - Used on PA-24-400 airplanes only.